

FIG. 1A

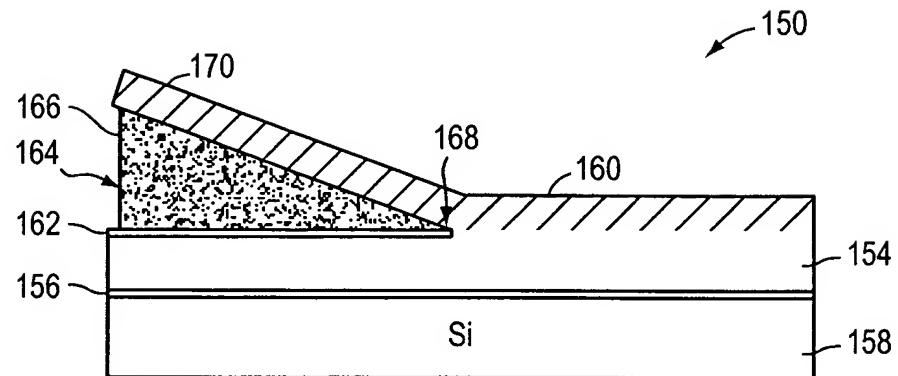


FIG. 1B

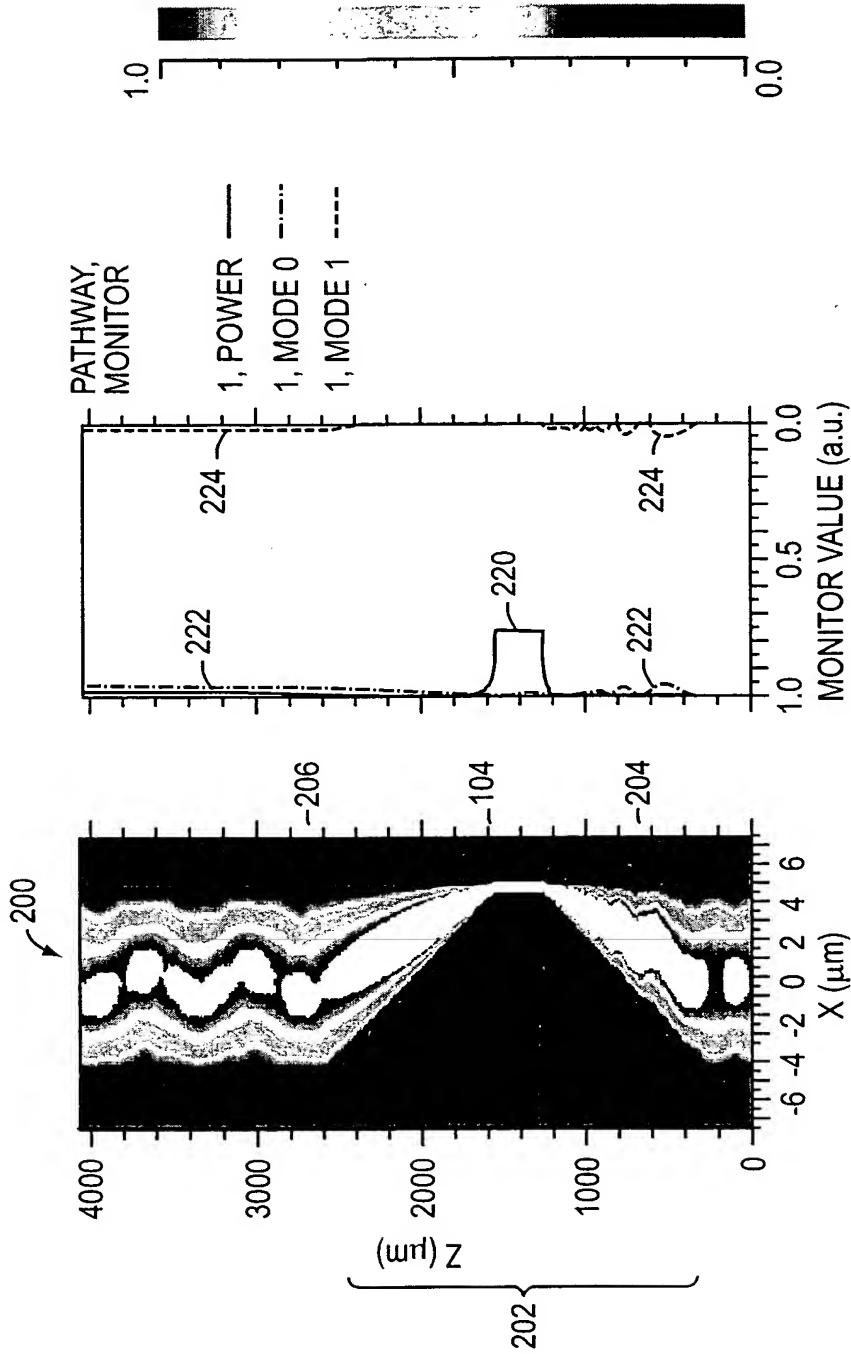
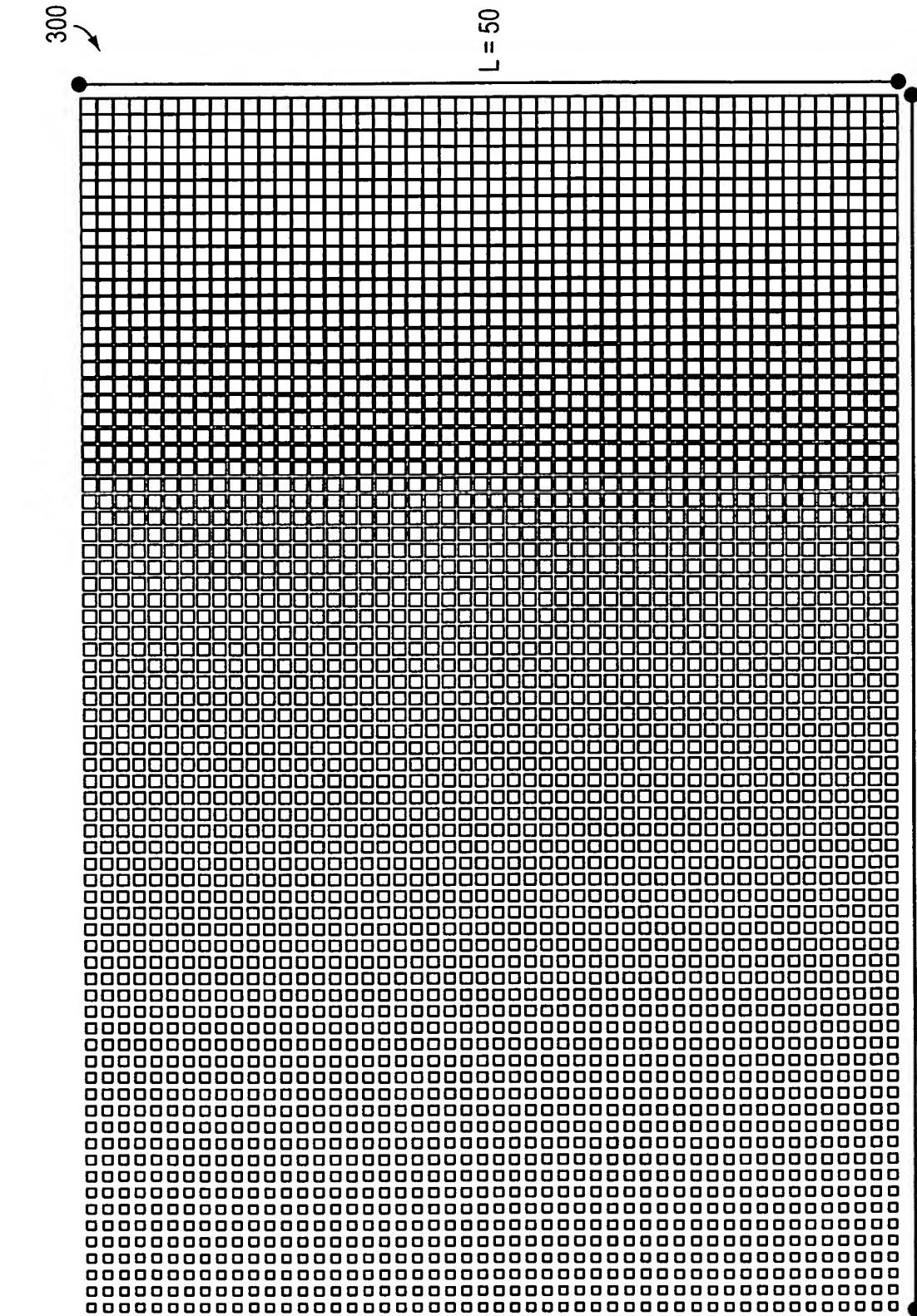


FIG. 2A
FIG. 2

FIG. 2B
FIG. 2C



L = 100 cells = $100 \times 477 \text{ nm} = 47.7$
FIG. 3A GRAY SCALE: MASK LAYOUT LINEAR INTENSITY TAPER

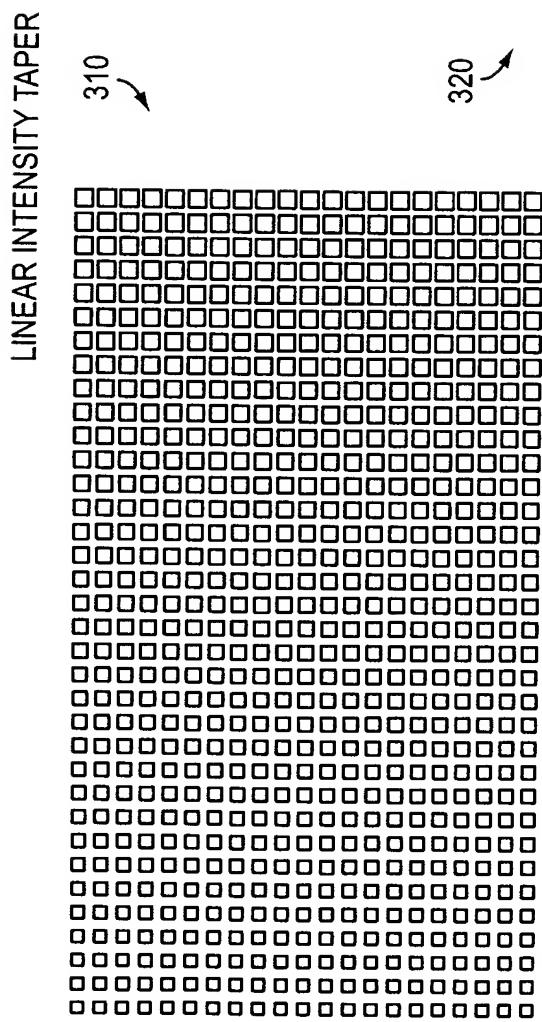


FIG. 3B DETAIL OF LEFT END OF FIG. 3A

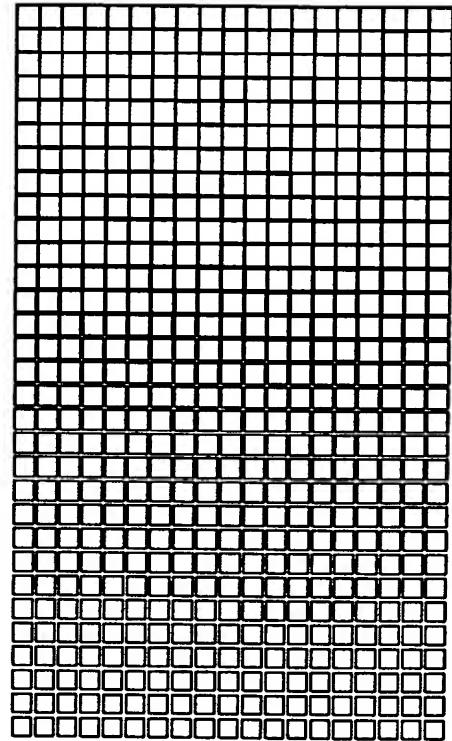


FIG. 3C DETAIL OF RIGHT END OF FIG. 3A

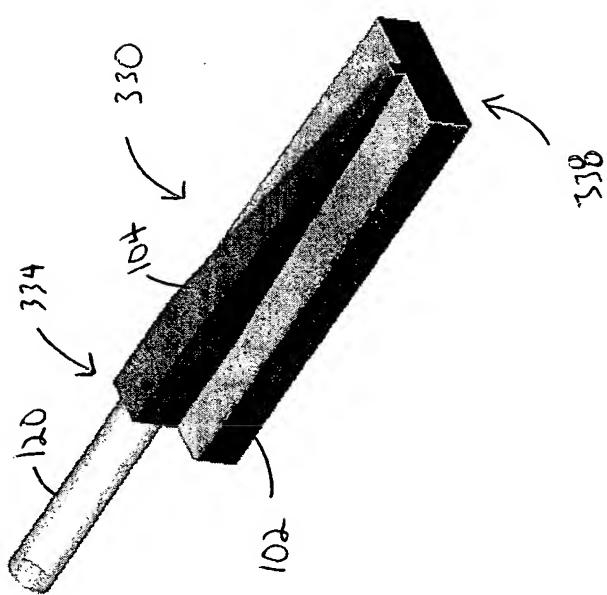


Figure 4

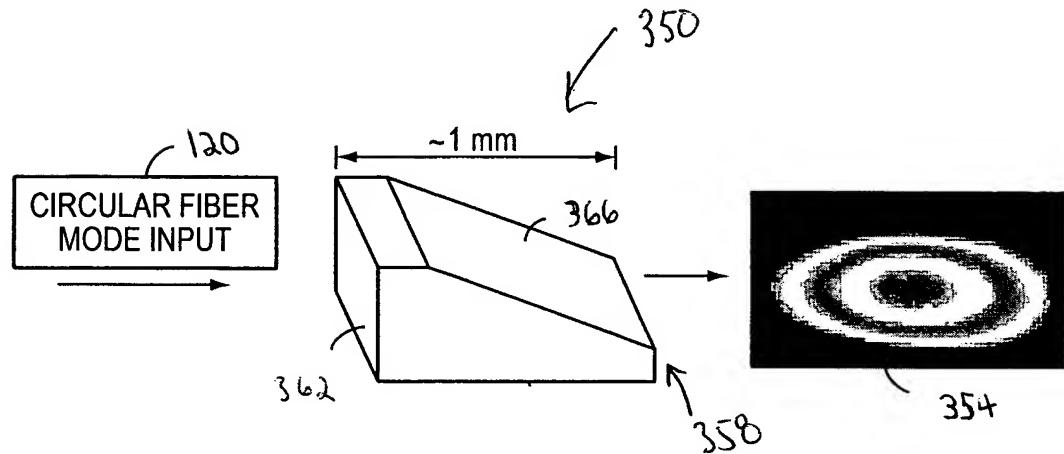


FIG. 5

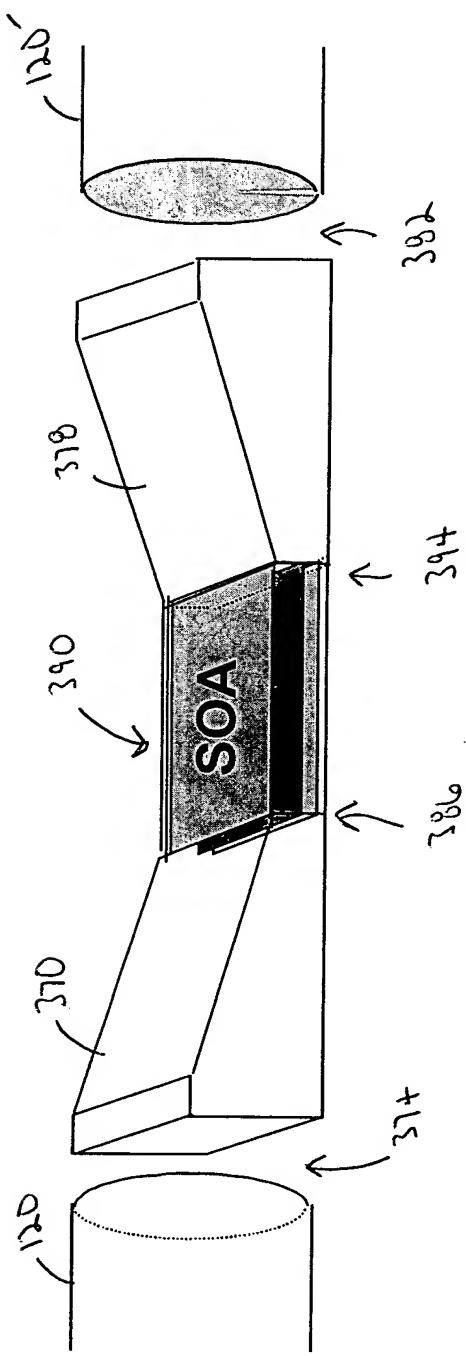


Figure 6

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SLAB SOI TO FIBER TRANSITION

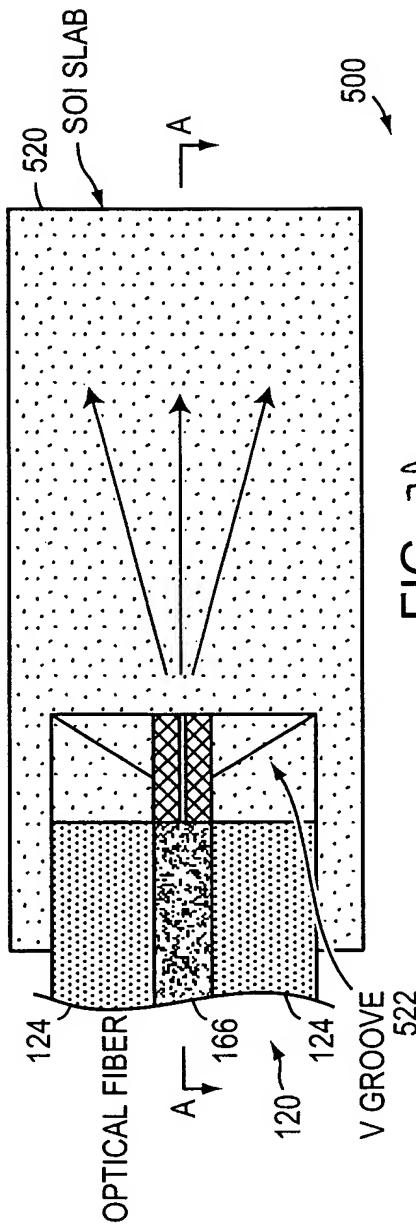


FIG. 1A

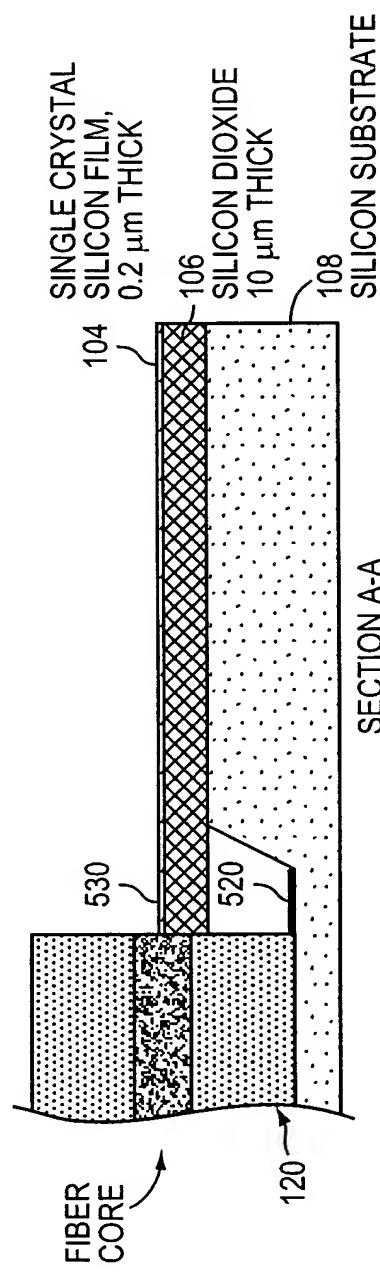
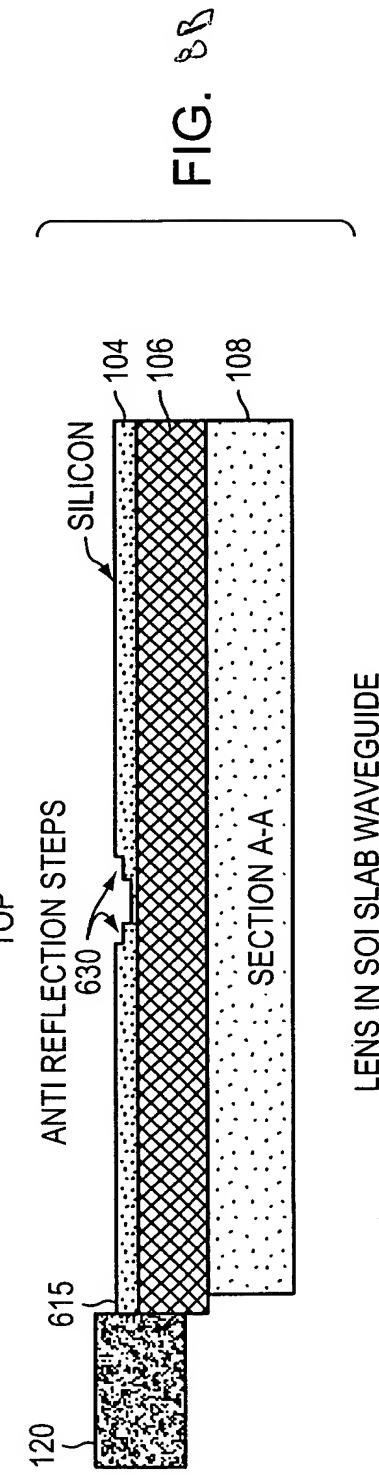
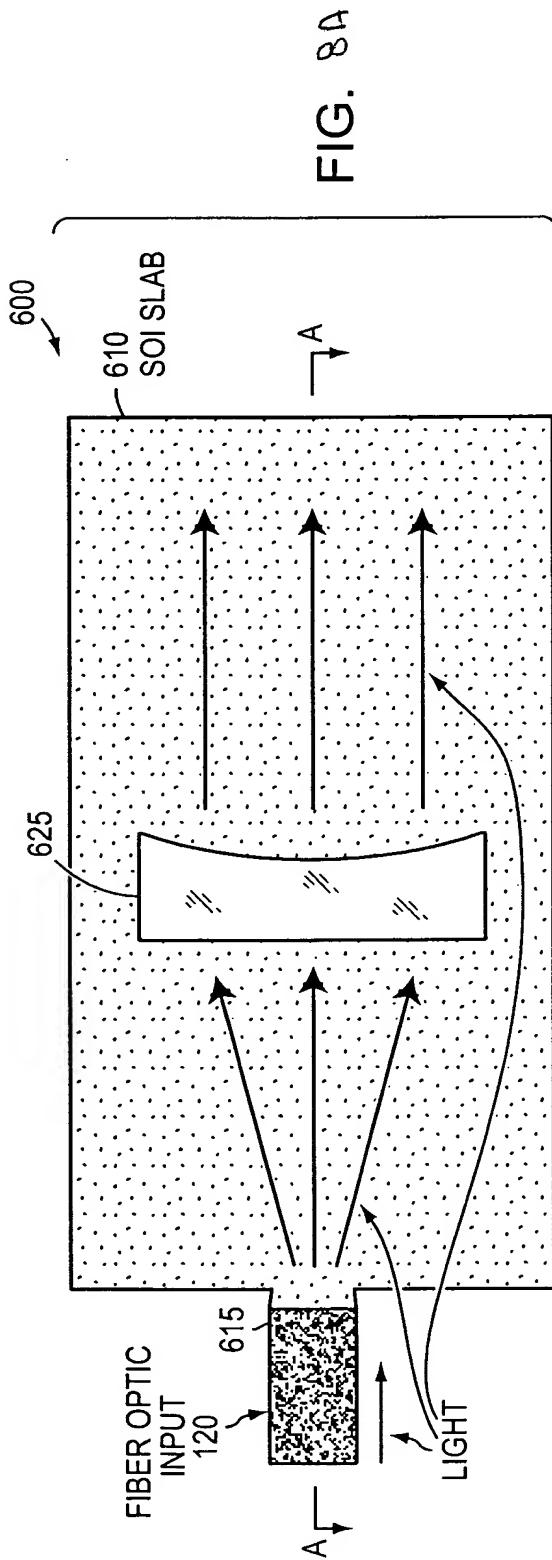


FIG. 1B

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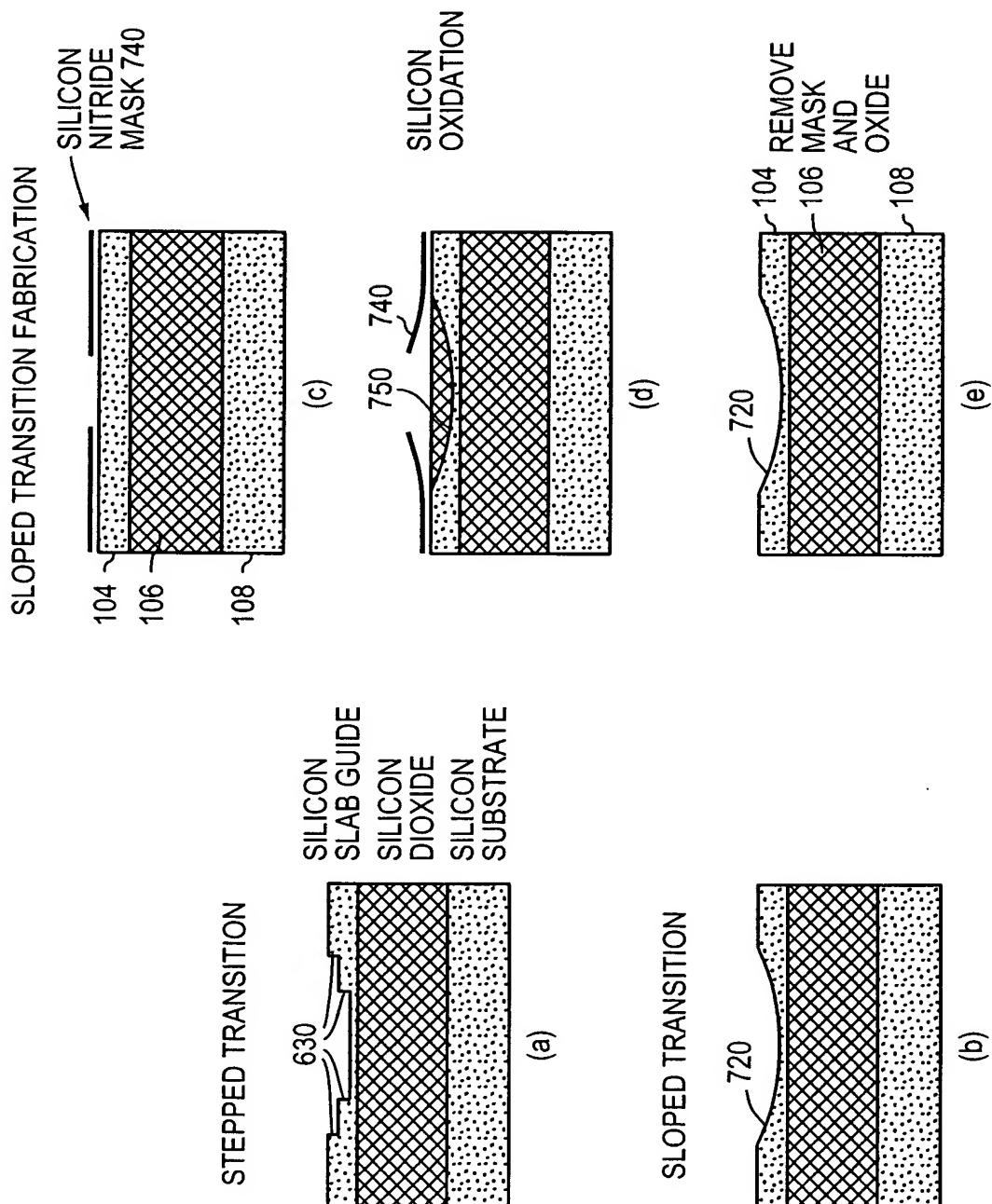
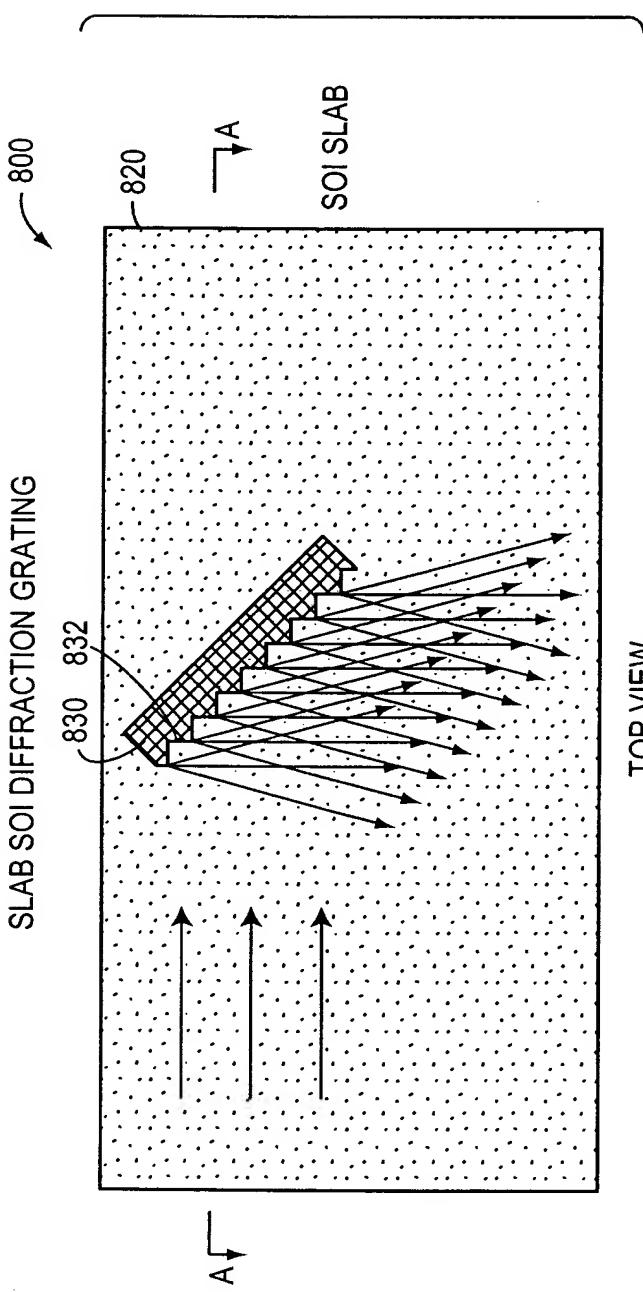


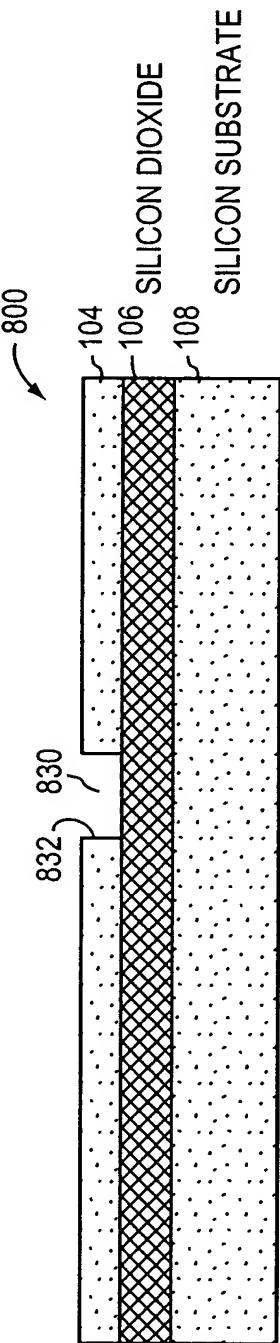
FIG. 9

FIG. 10 A



TOP VIEW

FIG. 10 B



SECTION A-A

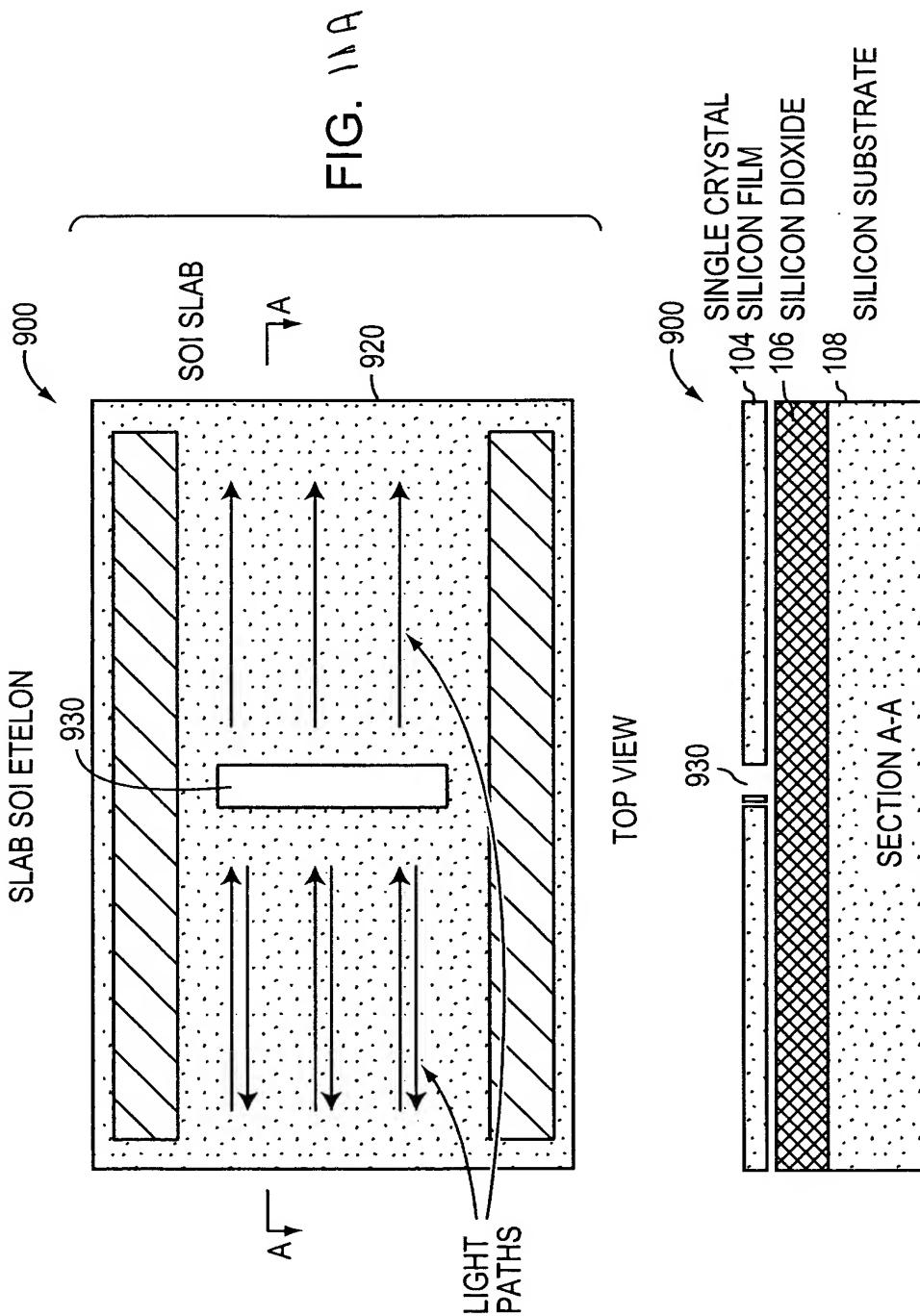


FIG. 12A

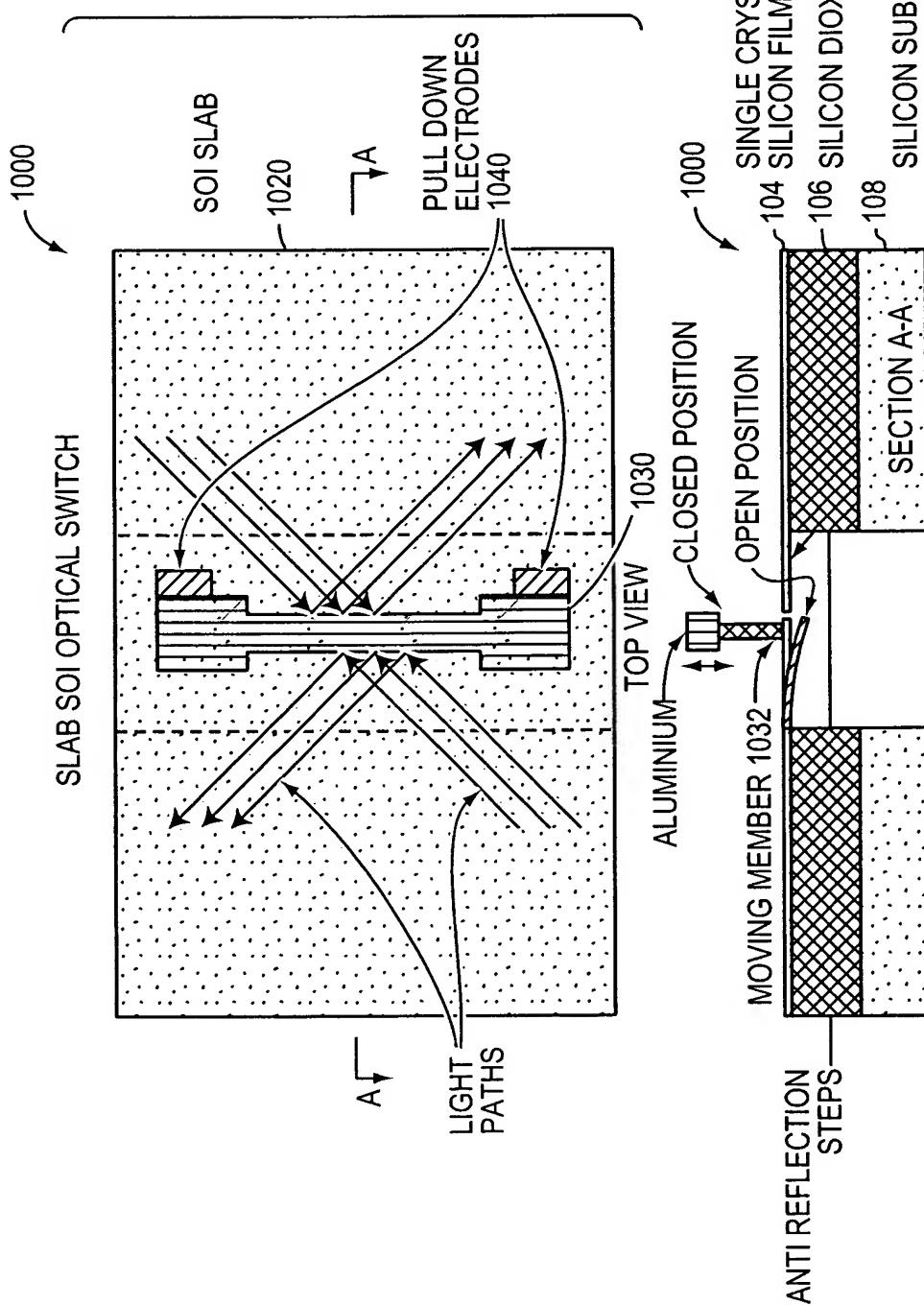


FIG. 12B

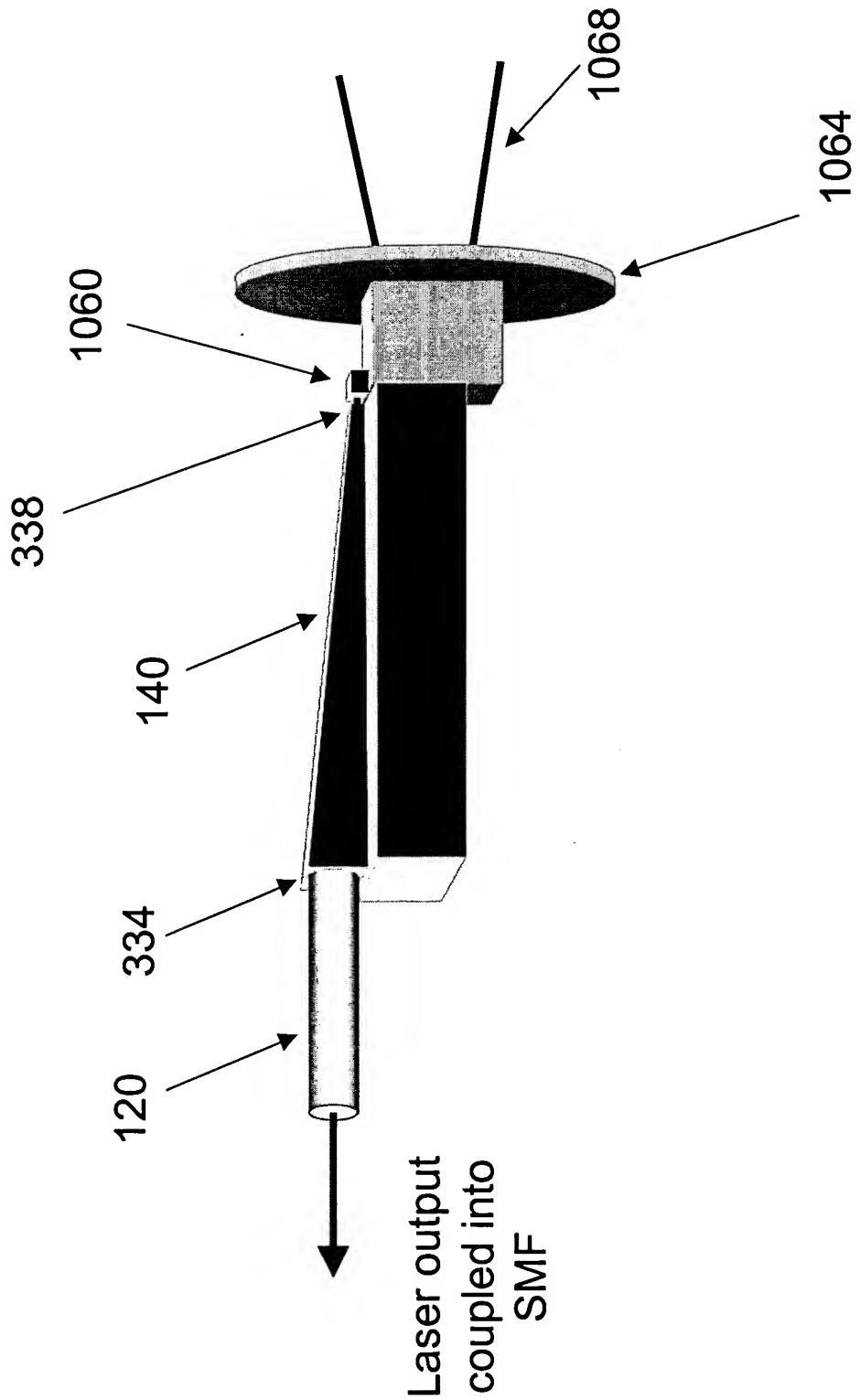


Figure 13

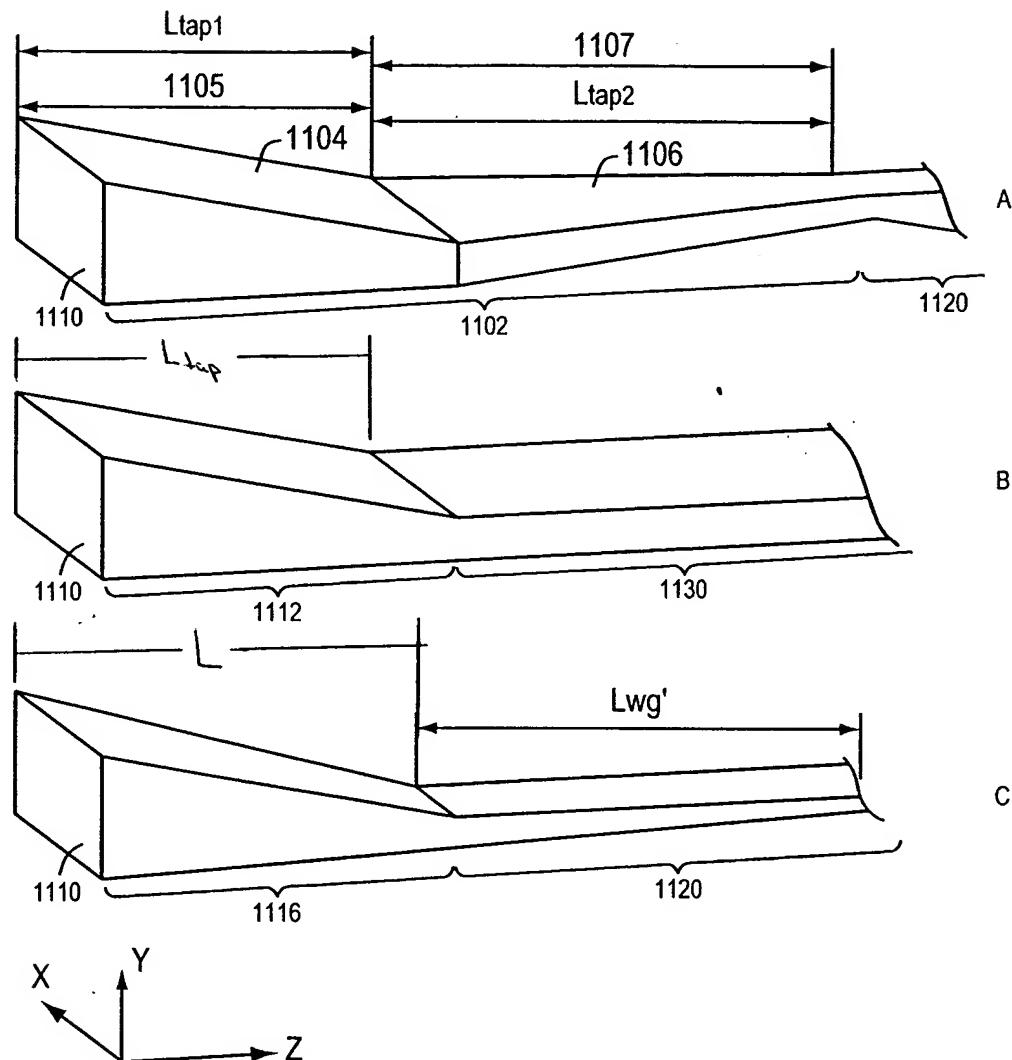


FIG. 14

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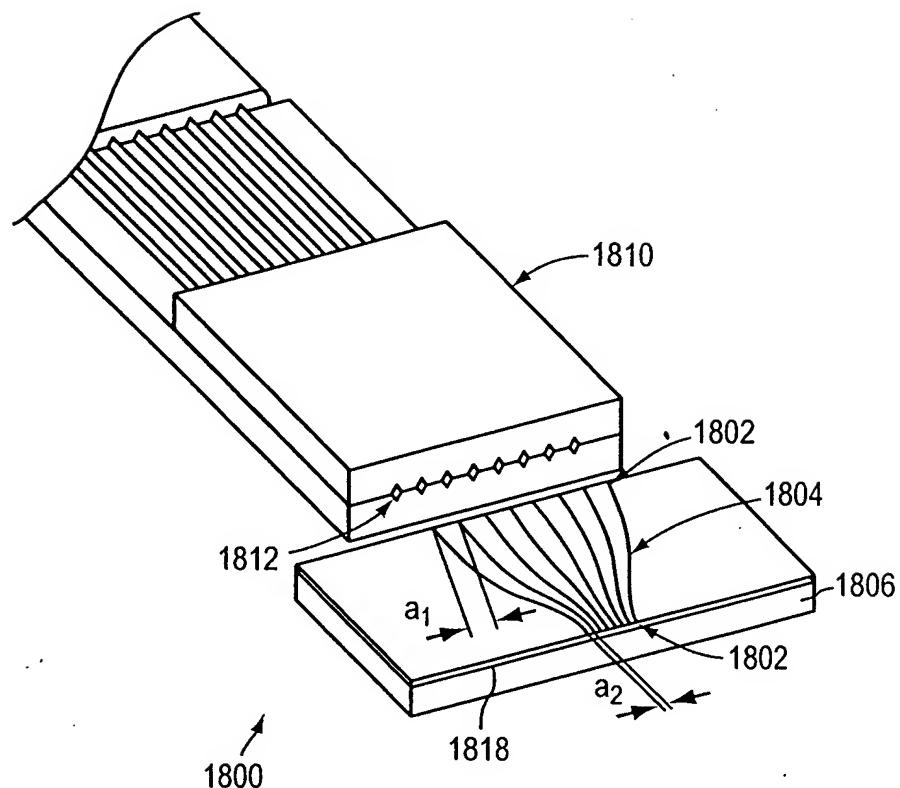


FIG. 15

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